



CALIFORNIA AGRICULTURAL EMPLOYMENT AND EARNINGS BULLETIN

Serving the People of California

February 1991

JANUARY 1992

This bulletin covers 27 agricultural industries statewide, and from five to seventeen industries in each of six regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details). The data are organized into sets of tables by state and region:

- Wage and Salary Workers (Table A).
- Agricultural Production Workers (Table B).
- Average Weekly Earnings of Production Workers (Table C).
- Average Hours Worked by Production Workers (Table D).
- Average Hourly Earnings of Production Workers (Table E).

In January 1992 agricultural employment totaled 259,500 (Table 1-A). This is 4 percent below the December level. The Central Coast Region and San Joaquin Valley Region showed the greatest month-over decline in employment, with most of the employment losses occurring in Crops. The Sacramento Valley Region had a slight drop in employment, with the South Coast and the North Coast only slightly changed from December 1991 levels.

The Desert Region showed its first increase (27 percent) in employment since October 1991. Most of the increase resulted from expanded activity in Crops and Agricultural Services. However, there were still 900 fewer workers in the region than a year ago.

Wage and Salary Workers in Agricultural Establishments For January 1992 (In Thousands)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	259.5	118.5	43.9	35.0	33.9	20.3	10.5
Total Crops	139.2	55.4	29.7	19.0	14.7	13.9	7.7
Total Livestock	25.0	13.1	2.5	1.2	4.9	2.1	1.7
Total Services	95.3	50.0	11.7	14.8	14.3	4.3	1.1

Source: Tables 1-A through 7-A, January 1992.

CHANGES FROM ONE YEAR AGO

Statewide employment was about the same as the year-ago level of 259,100. An increase (8,400 workers) in Agricultural Services employment statewide was offset by a decline (6,900 workers) in Crops employment. Most of the year-to-year increase in Agricultural Services employment occurred in the San Joaquin Valley Region, primarily in the Crops Preparation Services for Market. Employment losses in Crops were also concentrated in the San Joaquin Valley. The Central Coast and San Joaquin Valley Regions had the largest increases in employment from a year ago. The North Coast Region showed only a slight increase (100 more workers) in employment, while the remaining regions posted slight declines. (Tables 1-A through 7-A.)

REGIONAL CROP ACTIVITIES

According to the California Farm Labor Report (881A), the major regional crop activities during January were:

- Desert: Sugar beets (preharvest), broccoli, lettuce and cauliflower (harvest) and vineyards (prune and tie).
- South Coast: Horticulture, lemons and avocados (harvest), miscellaneous vegetables (plant, cultivate and harvest).
- Central Coast: Miscellaneous vegetables (preharvest and harvest), horticulture (plant, cultivate and harvest).
- North Coast: Grapes (prune).
- San Joaquin Valley: Lettuce and navel oranges (harvest), miscellaneous vegetables (plant, cultivate and harvest), vineyards (prune and tie) and orchards (prune).
- Sacramento Valley: Orchards (prune).

AGRICULTURAL PRODUCTION WORKERS

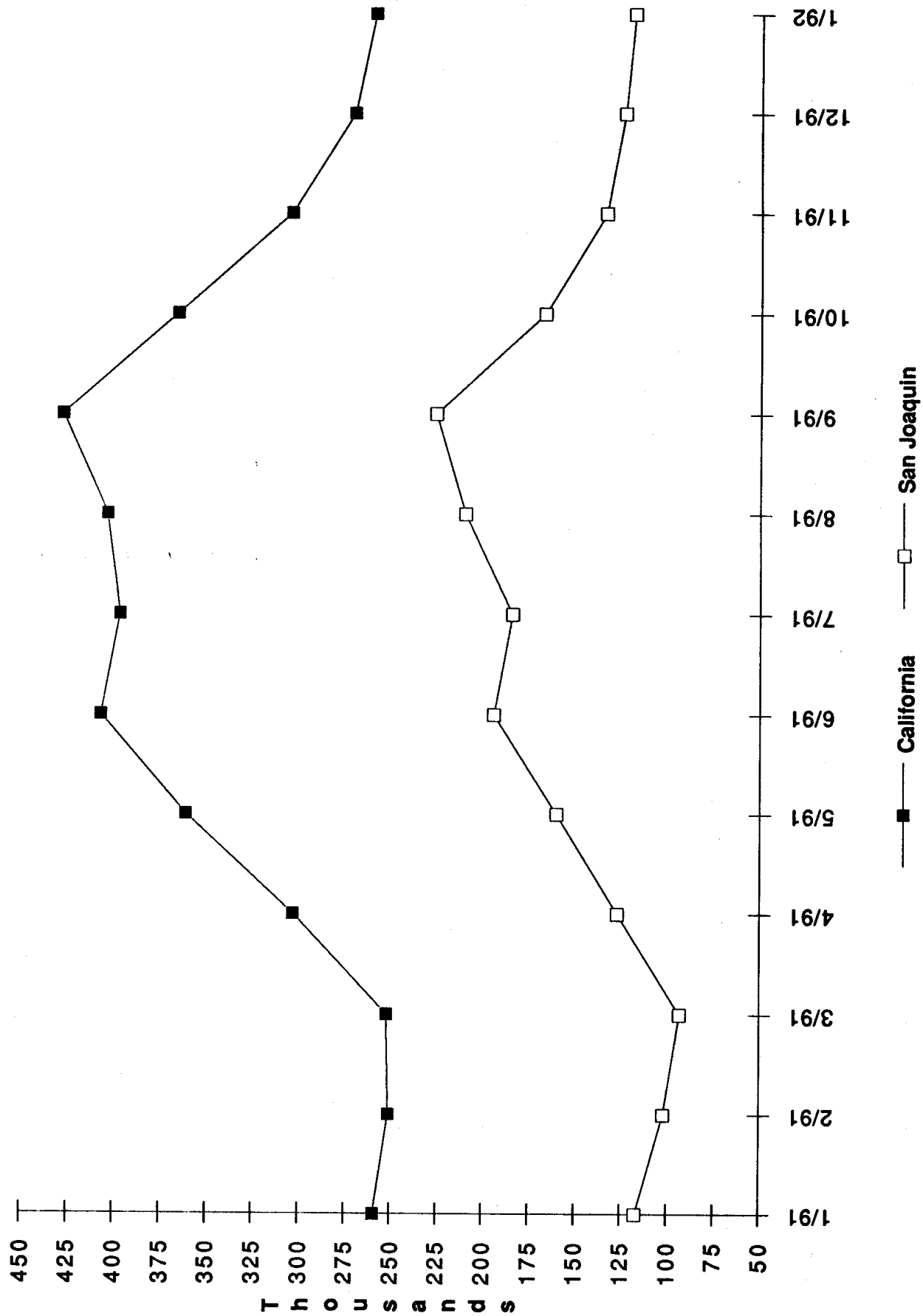
Between December 1991 and January 1992, there was a 4 percent reduction in the number of agricultural production workers, statewide, to a total of 231,400. (Table 1-B.)

Statewide, average weekly earnings for agricultural production workers were \$247.97 and ranged from \$229.12 in the San Joaquin Valley Region to \$300.54 in the North Coast Region. (Tables 1-C through 7-C.)

The average hours worked by agricultural production workers were 36.9, statewide, with a low of 35.8 hours in the San Joaquin Valley Region and a high of 42.1 hours in the North Coast Region. (Tables 1-D through 7-D.)

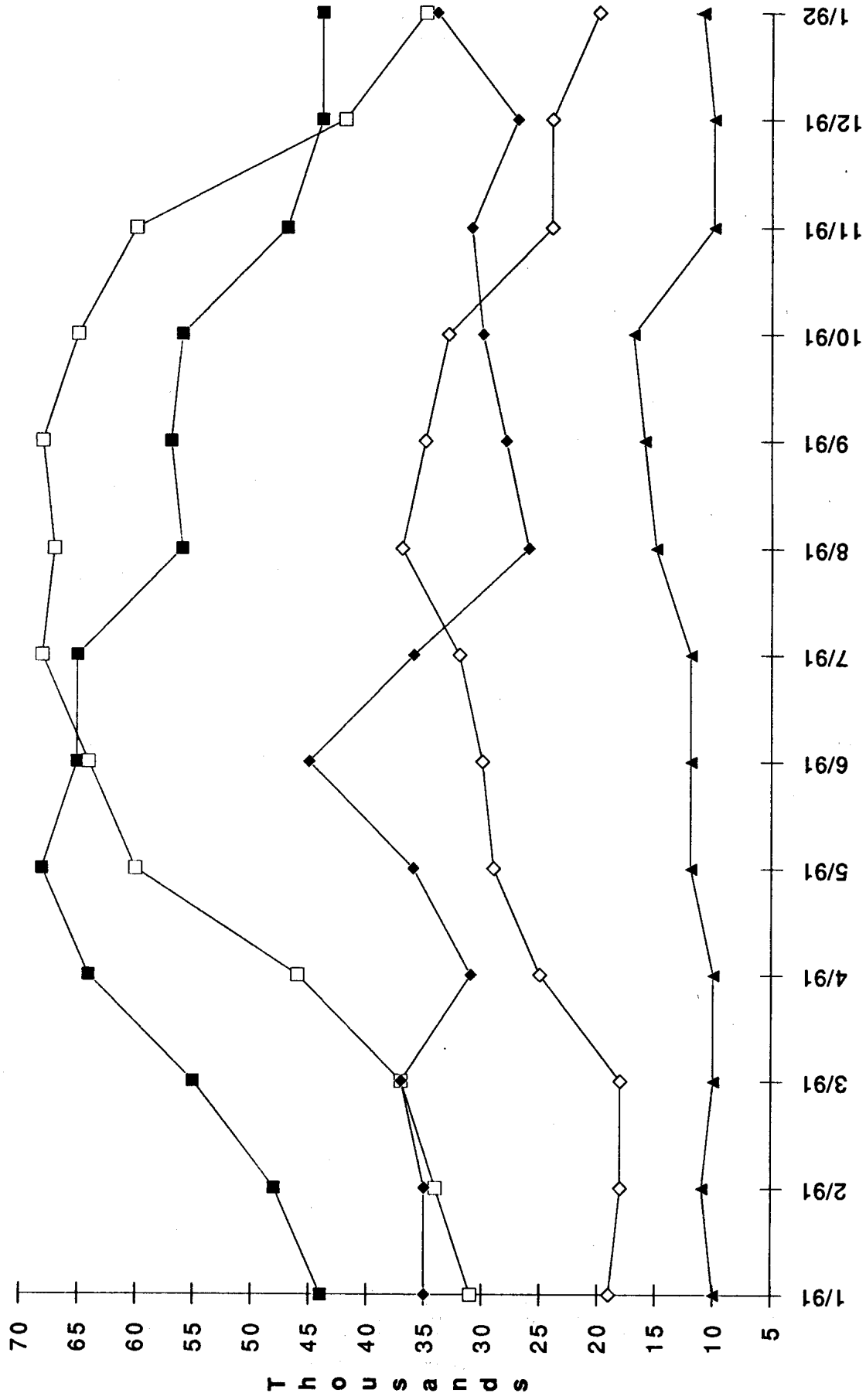
TOTAL WAGE & SALARY EMPLOYMENT

California and San Joaquin



TOTAL WAGE & SALARY EMPLOYMENT

All Regions except San Joaquin

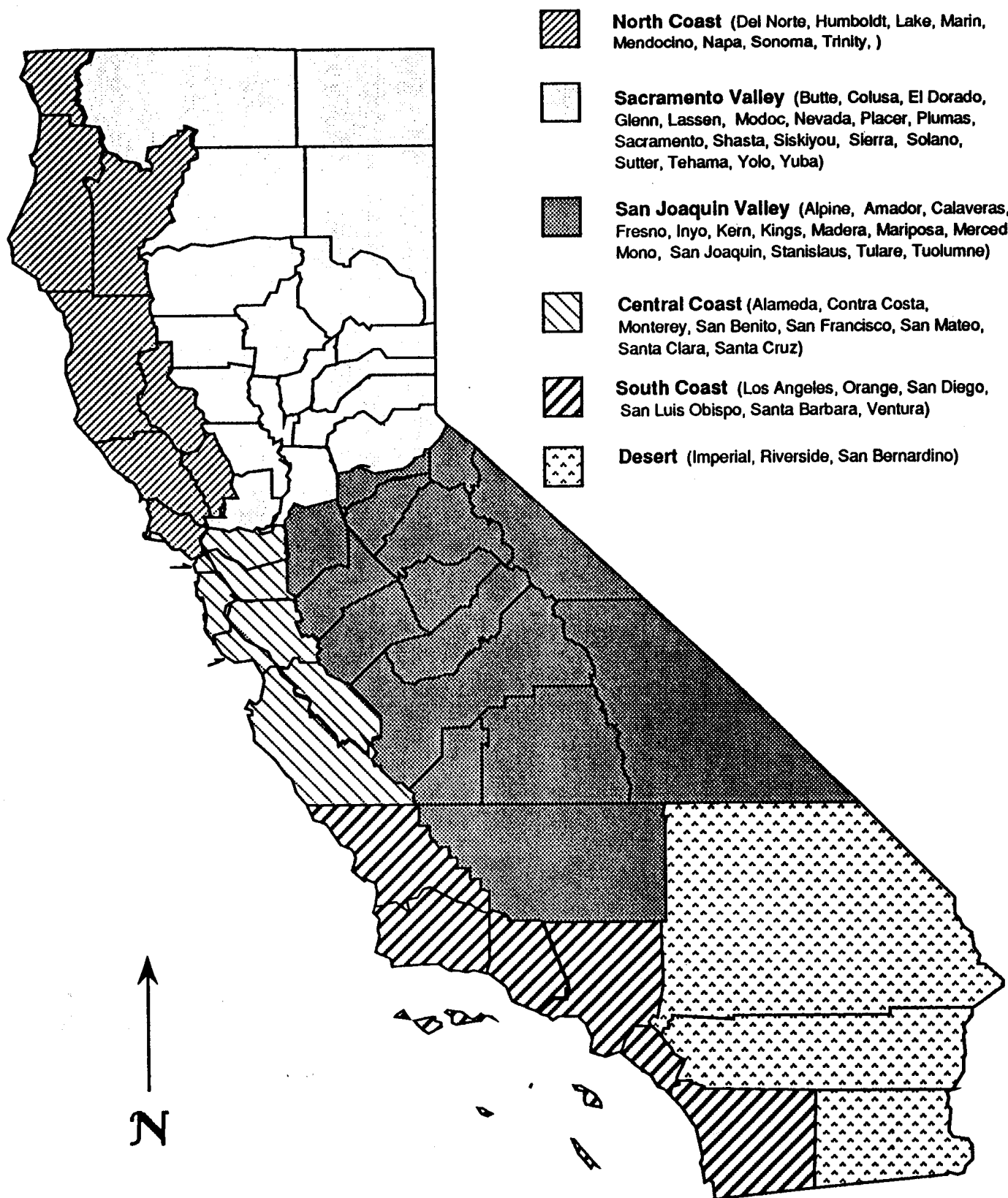


South Coast Central Coast Desert Sacramento North Coast

CES-AG REPORTING REGIONS

LABOR MARKET INFORMATION DIVISION

EMPLOYMENT DEVELOPMENT DEPARTMENT



Average Hourly Earnings of Production Workers

For January 1992

(In Dollars per Hour)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	6.72	6.40	6.92	7.62	6.71	6.48	7.21
Total Crops	6.51	6.31	6.68	7.08	6.32	6.38	6.92
Total Livestock	7.36	7.30	6.95	8.52	7.86	7.63	6.65
Total Services	6.83	6.18	7.58	8.32	6.63	6.19	9.75

Source: Tables 1-E through 7-E, January 1992.

DATA SOURCES:

The data are obtained from two sources: the Employment Development Department (EDD) Unemployment Insurance (UI) files, and a monthly survey, conducted by the Labor Market Information Division of EDD, of 4,000 agricultural employers. This sample, about 12% of the employers, was selected to be statistically representative of the state's agricultural employers by size, geographic location and industry categories.

Sample data are gathered for the week that includes the 12th calendar day of the month; thus all data in these bulletins represent activities taking place during this mid-month period.

DATA COMMENTS:

ESTIMATES FOR THE STATE AND SIX REGIONS ARE INDEPENDENTLY DERIVED. THEREFORE, THE SUM OF THE REGIONAL ESTIMATES WILL NOT NECESSARILY EQUAL THE STATEWIDE TOTAL.

To aid in accurate usage and interpretation of the data, please note the following:

- Employment data do not include employers or unpaid family workers.
- Figures for the current month are preliminary and subject to revision.
- Total agricultural employment estimates in this bulletin are derived from a monthly sampling project: the Current Employment Statistics for Agriculture. Estimates in this bulletin will differ from other agricultural estimates published by this department because of differences in the number of agricultural industries covered and in the definition of workers.

If you wish to be placed on our mailing list to receive future issues of this publication, please send your name and address to: **Special Projects Unit, Labor Market Information Division, Employment Development Department, P.O. Box 826216, Sacramento, CA 94299-9994** or call (916) 427-4961. (ATSS 8-466-4961).

TABLE 1-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	JAN 1992	DEC 1991	JAN 1991
TOTAL AGRICULTURAL	259.5	271.0	259.1
TOTAL AGRIC. PROD. CROPS	139.2	148.4	146.1
CASH GRAINS	1.6	2.0	1.9
RICE	0.9	1.1	1.0
OTHER CASH GRAIN	0.7	0.9	0.9
FIELD CROPS EXCEPT CASH GRAIN	7.3	9.3	8.2
COTTON	3.6	5.0	4.7
OTHER FIELD CROPS	3.7	4.3	3.5
VEGETABLES AND MELONS	19.8	22.5	19.3
TOTAL FRUIT AND TREE NUTS	58.0	54.9	62.9
BERRIES	4.8	5.4	5.8
GRAPES	25.6	18.4	27.4
TREE NUTS	6.1	6.9	5.9
CITRUS FRUITS	4.6	4.6	5.3
DECIDUOUS TREE FRUIT	9.5	11.2	9.8
OTHER FRUITS AND NUTS	7.4	8.4	8.7
TOTAL HORTICULTURAL SPECIALTIES	32.0	35.2	32.3
ORNAMENTAL FLORAL & NURS PRD	28.8	32.2	28.6
FOOD CROPS GROWN UNDR COVER	3.2	3.0	3.7
GENERAL FARM PRIMARILY CROP	20.5	24.5	21.5
TOTAL AGRIC. PROD. LIVESTOCK	25.0	26.6	26.1
BEEF CATTLE FEED LOTS	0.7	0.7	0.8
BEEF CATTLE EXCEPT FEED LOTS	3.5	3.9	3.5
DAIRY FARMS	12.3	12.8	12.4
CHICKEN EGGS	2.9	3.1	3.3
TURKEYS & TURKEY EGGS	1.1	1.1	1.3
OTHER LIVESTOCK	4.5	5.0	4.8
TOTAL AGRICULTURAL SERVICES	95.3	96.0	86.9
SOIL PREPARATION SERVICES	0.8	0.9	0.9
CROP SERVICES	41.1	41.9	35.2
CROP PLANT-CULT-PROTECTION	3.4	3.8	4.0
CROP HARVEST PRIM. MACHINE	6.1	5.6	6.2
CROP PREP. SERV. FOR MARKET	30.8	30.9	24.2
COTTON GINNING	0.8	1.6	0.8
TOTAL FARM LABOR & MANAGEMENT	53.4	53.2	50.8
FARM LABOR CONTRACTORS	46.0	47.2	44.7
FARM MANAGEMENT SERVICES	7.4	6.0	6.1

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 1-B
AGRICULTURAL PRODUCTION WORKERS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	JAN 1992	DEC 1991	JAN 1991
TOTAL AGRICULTURAL	231.4	240.9	226.7
TOTAL AGRIC. PROD. CROPS	121.0	129.7	126.9
CASH GRAINS	1.2	1.6	1.6
RICE	0.6	0.8	0.8
OTHER CASH GRAIN	0.6	0.8	0.8
FIELD CROPS EXCEPT CASH GRAIN	6.1	8.3	7.0
COTTON	3.0	4.6	4.1
OTHER FIELD CROPS	3.1	3.7	2.9
VEGETABLES AND MELONS	17.3	20.1	17.5
TOTAL FRUIT AND TREE NUTS	53.1	49.3	57.6
BERRIES	4.5	4.7	5.4
GRAPES	23.7	16.3	25.3
TREE NUTS	5.4	6.2	5.1
CITRUS FRUITS	4.1	4.2	5.1
DECIDUOUS TREE FRUIT	8.6	10.2	8.6
OTHER FRUITS AND NUTS	6.8	7.7	8.1
TOTAL HORTICULTURAL SPECIALTIES	25.1	28.3	25.2
ORNAMENTAL FLORAL & NURS PRD	22.3	25.7	22.5
FOOD CROPS GROWN UNDR COVER	2.8	2.6	2.7
GENERAL FARM PRIMARILY CROP	18.2	22.1	18.0
TOTAL AGRIC. PROD. LIVESTOCK	21.6	22.9	21.7
BEEF CATTLE FEED LOTS	0.6	0.6	0.6
BEEF CATTLE EXCEPT FEED LOTS	2.8	3.2	2.8
DAIRY FARMS	11.4	11.8	11.7
CHICKEN EGGS	2.2	2.3	2.1
TURKEYS & TURKEY EGGS	0.8	0.8	0.8
OTHER LIVESTOCK	3.8	4.2	3.7
TOTAL AGRICULTURAL SERVICES	88.8	88.3	78.1
SOIL PREPARATION SERVICES	0.6	0.7	0.6
CROP SERVICES	36.7	36.6	29.3
CROP PLANT-CULT-PROTECTION	2.6	2.8	3.1
CROP HARVEST PRIM. MACHINE	5.6	5.1	5.7
CROP PREP. SERV. FOR MARKET	27.9	27.4	20.0
COTTON GINNING	0.6	1.3	0.5
TOTAL FARM LABOR & MANAGEMENT	51.5	51.0	48.2
FARM LABOR CONTRACTORS	45.3	46.3	43.2
FARM MANAGEMENT SERVICES	6.2	4.7	5.0

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 1-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER WEEK)

INDUSTRY	JAN 1992	DEC 1991	JAN 1991
TOTAL AGRICULTURAL	247.97	263.07	246.27
TOTAL AGRIC. PROD. CROPS	246.08	267.15	247.73
CASH GRAINS	305.45	368.71	321.04
RICE	336.16	423.53	345.75
OTHER CASH GRAIN	272.34	311.42	296.29
FIELD CROPS EXCEPT CASH GRAIN	262.70	277.97	293.46
COTTON	317.89	295.92	300.19
OTHER FIELD CROPS	207.68	255.60	285.04
VEGETABLES AND MELONS	269.88	311.54	252.49
TOTAL FRUIT AND TREE NUTS	226.30	237.22	231.66
BERRIES	191.54	217.52	193.23
GRAPES	233.87	246.47	239.40
TREE NUTS	230.28	253.04	239.40
CITRUS FRUITS	228.41	258.91	234.84
DECIDUOUS TREE FRUIT	211.91	205.53	234.08
OTHER FRUITS AND NUTS	240.17	246.27	224.22
TOTAL HORTICULTURAL SPECIALTIES	274.11	291.48	269.21
ORNAMENTAL FLORAL & NURS PRD	267.46	285.80	262.26
FOOD CROPS GROWN UNDR COVER	331.27	341.42	324.48
GENERAL FARM PRIMARILY CROP	232.61	250.88	237.76
TOTAL AGRIC. PROD. LIVESTOCK	341.50	359.17	336.66
BEEF CATTLE FEED LOTS	349.96	362.75	382.90
BEEF CATTLE EXCEPT FEED LOTS	298.62	319.16	321.77
DAIRY FARMS	363.30	392.13	352.11
CHICKEN EGGS	311.30	306.38	297.65
TURKEYS & TURKEY EGGS	337.50	346.25	339.66
OTHER LIVESTOCK	322.29	328.08	312.12
TOTAL AGRICULTURAL SERVICES	226.76	232.82	218.67
SOIL PREPARATION SERVICES	490.32	541.73	473.11
CROP SERVICES	255.57	260.91	243.01
CROP PLANT-CULT-PROTECTION	298.21	304.50	278.87
CROP HARVEST PRIM. MACHINE	258.00	259.10	235.73
CROP PREP. SERV. FOR MARKET	249.52	252.74	237.81
COTTON GINNING	327.51	355.61	326.55
TOTAL FARM LABOR & MANAGEMENT	203.18	208.38	201.02
FARM LABOR CONTRACTORS	195.93	200.85	194.72
FARM MANAGEMENT SERVICES	255.65	278.28	254.98

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 1-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CALIFORNIA
(IN HOURS PER WEEK)

INDUSTRY	JAN 1992	DEC 1991	JAN 1991
TOTAL AGRICULTURAL	36.9	39.5	38.6
TOTAL AGRIC. PROD. CROPS	37.8	40.6	39.7
CASH GRAINS	41.9	48.9	44.9
RICE	44.0	50.3	46.1
OTHER CASH GRAIN	39.7	47.4	43.7
FIELD CROPS EXCEPT CASH GRAIN	37.0	41.8	43.8
COTTON	41.5	43.2	42.4
OTHER FIELD CROPS	32.5	40.0	45.9
VEGETABLES AND MELONS	39.0	41.1	39.7
TOTAL FRUIT AND TREE NUTS	36.5	38.2	39.0
BERRIES	33.9	35.6	33.9
GRAPES	36.6	37.4	39.9
TREE NUTS	38.0	42.6	40.1
CITRUS FRUITS	30.7	34.8	33.5
DECIDUOUS TREE FRUIT	36.6	36.9	41.8
OTHER FRUITS AND NUTS	40.5	41.6	39.2
TOTAL HORTICULTURAL SPECIALTIES	39.9	43.7	41.1
ORNAMENTAL FLORAL & NURS PRD	39.8	43.7	41.3
FOOD CROPS GROWN UNDR COVER	41.1	43.0	39.0
GENERAL FARM PRIMARILY CROP	37.7	40.4	37.8
TOTAL AGRIC. PROD. LIVESTOCK	46.4	48.8	46.5
BEEF CATTLE FEED LOTS	52.0	53.9	54.7
BEEF CATTLE EXCEPT FEED LOTS	40.3	45.4	41.2
DAIRY FARMS	48.7	51.8	48.3
CHICKEN EGGS	47.6	47.5	46.8
TURKEYS & TURKEY EGGS	52.9	54.7	56.8
OTHER LIVESTOCK	40.9	41.9	40.8
TOTAL AGRICULTURAL SERVICES	33.2	35.6	34.6
SOIL PREPARATION SERVICES	46.3	52.8	50.6
CROP SERVICES	35.3	36.8	37.1
CROP PLANT-CULT-PROTECTION	35.8	42.0	39.5
CROP HARVEST PRIM. MACHINE	36.7	36.7	36.1
CROP PREP. SERV. FOR MARKET	34.8	35.9	37.1
COTTON GINNING	41.3	45.3	35.0
TOTAL FARM LABOR & MANAGEMENT	31.5	34.5	32.9
FARM LABOR CONTRACTORS	31.1	33.7	32.4
FARM MANAGEMENT SERVICES	34.5	42.1	36.9

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 1-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER HOUR)

INDUSTRY	JAN 1992	DEC 1991	JAN 1991
TOTAL AGRICULTURAL	6.72	6.66	6.38
TOTAL AGRIC. PROD. CROPS	6.51	6.58	6.24
CASH GRAINS	7.29	7.54	7.15
RICE	7.64	8.42	7.50
OTHER CASH GRAIN	6.86	6.57	6.78
FIELD CROPS EXCEPT CASH GRAIN	7.10	6.65	6.70
COTTON	7.66	6.85	7.08
OTHER FIELD CROPS	6.39	6.39	6.21
VEGETABLES AND MELONS	6.92	7.58	6.36
TOTAL FRUIT AND TREE NUTS	6.20	6.21	5.94
BERRIES	5.65	6.11	5.70
GRAPES	6.39	6.59	6.00
TREE NUTS	6.06	5.94	5.97
CITRUS FRUITS	7.44	7.44	7.01
DECIDUOUS TREE FRUIT	5.79	5.57	5.60
OTHER FRUITS AND NUTS	5.93	5.92	5.72
TOTAL HORTICULTURAL SPECIALTIES	6.87	6.67	6.55
ORNAMENTAL FLORAL & NURS PRD	6.72	6.54	6.35
FOOD CROPS GROWN UNDR COVER	8.06	7.94	8.32
GENERAL FARM PRIMARILY CROP	6.17	6.21	6.29
TOTAL AGRIC. PROD. LIVESTOCK	7.36	7.36	7.24
BEEF CATTLE FEED LOTS	6.73	6.73	7.00
BEEF CATTLE EXCEPT FEED LOTS	7.41	7.03	7.81
DAIRY FARMS	7.46	7.57	7.29
CHICKEN EGGS	6.54	6.45	6.36
TURKEYS & TURKEY EGGS	6.38	6.33	5.98
OTHER LIVESTOCK	7.88	7.83	7.65
TOTAL AGRICULTURAL SERVICES	6.83	6.54	6.32
SOIL PREPARATION SERVICES	10.59	10.26	9.35
CROP SERVICES	7.24	7.09	6.55
CROP PLANT-CULT-PROTECTION	8.33	7.25	7.06
CROP HARVEST PRIM. MACHINE	7.03	7.06	6.53
CROP PREP. SERV. FOR MARKET	7.17	7.04	6.41
COTTON GINNING	7.93	7.85	9.33
TOTAL FARM LABOR & MANAGEMENT	6.45	6.04	6.11
FARM LABOR CONTRACTORS	6.30	5.96	6.01
FARM MANAGEMENT SERVICES	7.41	6.61	6.91

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 2-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	JAN 1992	DEC 1991	JAN 1991
TOTAL AGRICULTURAL	118.5	124.3	116.5
TOTAL AGRIC. PROD. CROPS	55.4	58.5	61.0
TOTAL FIELD CROPS	5.4	7.2	6.5
COTTON	3.3	4.6	4.5
OTHER FIELD CROPS	2.1	2.6	2.0
VEGETABLES AND MELONS	2.4	3.7	2.8
TOTAL FRUIT AND TREE NUTS	31.0	28.6	35.0
GRAPES	14.7	10.3	18.6
TREE NUTS	4.3	4.6	3.8
CITRUS FRUITS	2.8	2.8	2.9
DECIDUOUS TREE FRUIT	5.7	6.5	5.4
OTHER FRUITS AND NUTS	3.5	4.4	4.3
HORTICULTURAL SPECIALTIES	5.1	6.0	4.2
GENERAL FARM PRIMARILY CROP	11.5	13.0	12.5
TOTAL AGRIC. PROD. LIVESTOCK	13.1	13.4	13.2
BEEF CATTLE FEED LOTS	0.3	0.3	0.3
BEEF CATTLE EXCEPT FEED LOTS	1.3	1.3	1.4
DAIRY FARMS	7.8	8.0	7.8
POULTRY & EGGS	2.4	2.5	2.5
OTHER LIVESTOCK	1.3	1.3	1.2
TOTAL AGRICULTURAL SERVICES	50.0	52.4	42.3
CROP SERVICES	18.0	21.3	14.7
CROP PLANT-CULT-PROTECTION	1.9	2.2	2.6
CROP HARVEST PRIM. MACHINE	1.1	1.1	1.8
CROP PREP. SERV. FOR MARKET	14.2	16.5	9.6
COTTON GINNING	0.8	1.5	0.7
TOTAL FARM LABOR & MANAGEMENT	32.0	31.1	27.6
FARM LABOR CONTRACTORS	28.8	27.9	25.1
FARM MANAGEMENT SERVICES	3.2	3.2	2.5

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 2-B
AGRICULTURAL PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	JAN 1992	DEC 1991	JAN 1991
TOTAL AGRICULTURAL	106.8	112.3	102.9
TOTAL AGRIC. PROD. CROPS	48.8	52.4	53.2
TOTAL FIELD CROPS	4.5	6.5	5.4
COTTON	2.7	4.2	3.9
OTHER FIELD CROPS	1.8	2.3	1.5
VEGETABLES AND MELONS	2.0	3.4	2.6
TOTAL FRUIT AND TREE NUTS	28.7	26.4	32.4
GRAPES	14.1	9.7	17.6
TREE NUTS	3.8	4.1	3.2
CITRUS FRUITS	2.6	2.6	2.7
DECIDUOUS TREE FRUIT	5.1	5.9	4.9
OTHER FRUITS AND NUTS	3.1	4.1	4.0
HORTICULTURAL SPECIALTIES	3.3	4.4	2.8
GENERAL FARM PRIMARILY CROP	10.3	11.7	10.0
TOTAL AGRIC. PROD. LIVESTOCK	11.5	12.0	11.9
BEEF CATTLE FEED LOTS	0.2	0.2	0.2
BEEF CATTLE EXCEPT FEED LOTS	1.0	1.1	1.2
DAIRY FARMS	7.1	7.3	7.3
POULTRY & EGGS	2.1	2.2	2.1
OTHER LIVESTOCK	1.1	1.2	1.1
TOTAL AGRICULTURAL SERVICES	46.5	47.9	37.8
CROP SERVICES	15.5	18.0	11.0
CROP PLANT-CULT-PROTECTION	1.5	1.6	1.9
CROP HARVEST PRIM. MACHINE	0.8	0.9	1.5
CROP PREP. SERV. FOR MARKET	12.6	14.3	7.2
COTTON GINNING	0.6	1.2	0.4
TOTAL FARM LABOR & MANAGEMENT	31.0	29.9	26.8
FARM LABOR CONTRACTORS	28.4	27.4	24.7
FARM MANAGEMENT SERVICES	2.6	2.5	2.1

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 2-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	JAN 1992	DEC 1991	JAN 1991
TOTAL AGRICULTURAL	229.12	247.89	244.80
TOTAL AGRIC. PROD. CROPS	228.42	245.99	241.00
TOTAL FIELD CROPS	278.60	298.03	310.10
COTTON	323.59	299.28	302.02
OTHER FIELD CROPS	209.51	295.68	329.82
VEGETABLES AND MELONS	194.05	167.28	188.96
TOTAL FRUIT AND TREE NUTS	222.68	234.36	232.45
GRAPES	231.25	247.68	237.21
TREE NUTS	220.95	251.93	244.28
CITRUS FRUITS	180.18	206.30	164.96
DECIDUOUS TREE FRUIT	204.37	202.76	243.62
OTHER FRUITS AND NUTS	248.80	248.86	234.57
HORTICULTURAL SPECIALTIES	255.32	269.40	283.84
GENERAL FARM PRIMARILY CROP	221.90	256.15	227.55
TOTAL AGRIC. PROD. LIVESTOCK	340.18	359.13	349.32
BEEF CATTLE FEED LOTS	374.87	373.33	419.12
BEEF CATTLE EXCEPT FEED LOTS	320.35	326.00	353.58
DAIRY FARMS	355.27	378.59	343.49
POULTRY & EGGS	315.95	329.95	318.71
OTHER LIVESTOCK	299.71	321.53	336.11
TOTAL AGRICULTURAL SERVICES	201.47	222.46	217.25
CROP SERVICES	242.79	267.85	252.80
CROP PLANT-CULT-PROTECTION	297.84	347.98	333.12
CROP HARVEST PRIM. MACHINE	304.06	332.93	345.83
CROP PREP. SERV. FOR MARKET	228.23	247.04	206.75
COTTON GINNING	325.82	356.78	345.03
TOTAL FARM LABOR & MANAGEMENT	181.41	195.21	202.36
FARM LABOR CONTRACTORS	173.35	188.37	195.44
FARM MANAGEMENT SERVICES	267.90	267.53	287.55

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 2-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	JAN 1992	DEC 1991	JAN 1991
TOTAL AGRICULTURAL	35.8	39.1	40.0
TOTAL AGRIC. PROD. CROPS	36.2	38.8	39.9
TOTAL FIELD CROPS	37.7	43.7	44.3
COTTON	41.7	43.5	42.3
OTHER FIELD CROPS	31.6	44.0	49.3
VEGETABLES AND MELONS	30.9	24.6	38.8
TOTAL FRUIT AND TREE NUTS	35.8	37.8	39.6
GRAPES	37.0	38.7	39.8
TREE NUTS	36.4	42.2	39.4
CITRUS FRUITS	22.0	25.5	23.6
DECIDUOUS TREE FRUIT	36.3	37.0	44.7
OTHER FRUITS AND NUTS	40.0	40.4	43.6
HORTICULTURAL SPECIALTIES	39.1	39.1	43.6
GENERAL FARM PRIMARILY CROP	36.8	42.2	37.0
TOTAL AGRIC. PROD. LIVESTOCK	46.6	48.4	49.2
BEEF CATTLE FEED LOTS	53.4	54.5	62.0
BEEF CATTLE EXCEPT FEED LOTS	43.0	43.7	45.8
DAIRY FARMS	48.6	51.3	49.0
POULTRY & EGGS	43.7	43.3	43.9
OTHER LIVESTOCK	41.0	43.1	49.5
TOTAL AGRICULTURAL SERVICES	32.6	37.2	37.2
CROP SERVICES	36.4	40.4	39.5
CROP PLANT-CULT-PROTECTION	34.0	44.9	45.2
CROP HARVEST PRIM. MACHINE	36.9	40.9	48.3
CROP PREP. SERV. FOR MARKET	36.4	39.4	36.4
COTTON GINNING	41.4	45.8	35.1
TOTAL FARM LABOR & MANAGEMENT	30.8	35.3	36.2
FARM LABOR CONTRACTORS	30.2	34.5	35.6
FARM MANAGEMENT SERVICES	36.8	43.5	43.7

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 2-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	JAN 1992	DEC 1991	JAN 1991
TOTAL AGRICULTURAL	6.40	6.34	6.12
TOTAL AGRIC. PROD. CROPS	6.31	6.34	6.04
TOTAL FIELD CROPS	7.39	6.82	7.00
COTTON	7.76	6.88	7.14
OTHER FIELD CROPS	6.63	6.72	6.69
VEGETABLES AND MELONS	6.28	6.80	4.87
TOTAL FRUIT AND TREE NUTS	6.22	6.20	5.87
GRAPES	6.25	6.40	5.96
TREE NUTS	6.07	5.97	6.20
CITRUS FRUITS	8.19	8.09	6.99
DECIDUOUS TREE FRUIT	5.63	5.48	5.45
OTHER FRUITS AND NUTS	6.22	6.16	5.38
HORTICULTURAL SPECIALTIES	6.53	6.89	6.51
GENERAL FARM PRIMARILY CROP	6.03	6.07	6.15
TOTAL AGRIC. PROD. LIVESTOCK	7.30	7.42	7.10
BEEF CATTLE FEED LOTS	7.02	6.85	6.76
BEEF CATTLE EXCEPT FEED LOTS	7.45	7.46	7.72
DAIRY FARMS	7.31	7.38	7.01
POULTRY & EGGS	7.23	7.62	7.26
OTHER LIVESTOCK	7.31	7.46	6.79
TOTAL AGRICULTURAL SERVICES	6.18	5.98	5.84
CROP SERVICES	6.67	6.63	6.40
CROP PLANT-CULT-PROTECTION	8.76	7.75	7.37
CROP HARVEST PRIM. MACHINE	8.24	8.14	7.16
CROP PREP. SERV. FOR MARKET	6.27	6.27	5.68
COTTON GINNING	7.87	7.79	9.83
TOTAL FARM LABOR & MANAGEMENT	5.89	5.53	5.59
FARM LABOR CONTRACTORS	5.74	5.46	5.49
FARM MANAGEMENT SERVICES	7.28	6.15	6.58

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 3-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	JAN 1992	DEC 1991	JAN 1991
TOTAL AGRICULTURAL	43.9	44.3	44.4
TOTAL AGRIC. PROD. CROPS	29.7	31.8	31.0
VEGETABLES AND MELONS	6.0	6.9	7.1
TOTAL FRUIT AND TREE NUTS	8.1	7.7	7.5
BERRIES	3.5	3.3	3.4
GRAPES	1.5	1.1	0.9
CITRUS FRUITS	1.4	1.5	1.6
OTHER FRUITS AND NUTS	1.7	1.8	1.6
TOTAL HORTICULTURAL SPECIALTIES	13.5	14.5	14.2
ORNAMENTAL FLORAL & NURS PRD	12.5	13.6	13.1
FOOD CROPS GROWN UNDR COVER	1.0	0.9	1.1
GENERAL FARM PRIMARILY CROP	2.1	2.7	2.2
TOTAL AGRIC. PROD. LIVESTOCK	2.5	2.5	2.9
TOTAL AGRICULTURAL SERVICES	11.7	10.0	10.5
CROP SERVICES	3.6	3.4	3.5
CROP HARVEST PRIM. MACHINE	1.8	1.5	1.3
CROP PREP. SERV. FOR MARKET	1.8	1.9	2.2
TOTAL FARM LABOR & MANAGEMENT	8.1	6.6	7.0
FARM LABOR CONTRACTORS	7.2	5.8	5.9
FARM MANAGEMENT SERVICES	0.9	0.8	1.1

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM

TABLE 3-B
AGRICULTURAL PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	JAN 1992	DEC 1991	JAN 1991
TOTAL AGRICULTURAL	38.6	37.9	36.8
TOTAL AGRIC. PROD. CROPS	25.5	26.7	25.6
VEGETABLES AND MELONS	5.3	6.1	5.6
TOTAL FRUIT AND TREE NUTS	7.6	6.6	6.9
BERRIES	3.3	2.8	3.2
GRAPES	1.5	1.0	0.8
CITRUS FRUITS	1.2	1.2	1.4
OTHER FRUITS AND NUTS	1.6	1.6	1.5
TOTAL HORTICULTURAL SPECIALTIES	10.8	11.6	11.1
ORNAMENTAL FLORAL & NURS PRD	10.0	10.9	10.5
FOOD CROPS GROWN UNDR COVER	0.8	0.7	0.6
GENERAL FARM PRIMARILY CROP	1.8	2.4	2.0
TOTAL AGRIC. PROD. LIVESTOCK	2.0	2.0	2.2
TOTAL AGRICULTURAL SERVICES	11.1	9.2	9.0
CROP SERVICES	3.3	3.0	2.8
CROP HARVEST PRIM. MACHINE	1.7	1.3	1.2
CROP PREP. SERV. FOR MARKET	1.6	1.7	1.6
TOTAL FARM LABOR & MANAGEMENT	7.8	6.2	6.2
FARM LABOR CONTRACTORS	7.0	5.5	5.5
FARM MANAGEMENT SERVICES	0.8	0.7	0.7

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 3-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	JAN 1992	DEC 1991	JAN 1991
TOTAL AGRICULTURAL	265.73	286.77	256.89
TOTAL AGRIC. PROD. CROPS	266.53	289.15	259.29
VEGETABLES AND MELONS	295.68	326.21	278.40
TOTAL FRUIT AND TREE NUTS	214.33	246.44	225.60
BERRIES	182.91	206.71	192.19
GRAPES	228.74	270.12	305.38
CITRUS FRUITS	246.43	294.76	255.84
OTHER FRUITS AND NUTS	242.53	266.57	225.95
TOTAL HORTICULTURAL SPECIALTIES	283.76	293.23	263.76
ORNAMENTAL FLORAL & NURS PRD	281.02	293.74	260.99
FOOD CROPS GROWN UNDR COVER	318.20	278.08	310.98
GENERAL FARM PRIMARILY CROP	296.34	291.11	265.18
TOTAL AGRIC. PROD. LIVESTOCK	299.55	310.54	366.24
TOTAL AGRICULTURAL SERVICES	257.72	274.90	226.13
CROP SERVICES	294.89	310.78	256.13
CROP HARVEST PRIM. MACHINE	277.13	295.40	264.34
CROP PREP. SERV. FOR MARKET	314.15	322.56	249.48
TOTAL FARM LABOR & MANAGEMENT	241.98	258.09	213.14
FARM LABOR CONTRACTORS	252.68	259.13	213.50
FARM MANAGEMENT SERVICES	153.30	245.67	212.21

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 3-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	JAN 1992	DEC 1991	JAN 1991
TOTAL AGRICULTURAL	38.4	41.5	39.4
TOTAL AGRIC. PROD. CROPS	39.9	42.9	40.2
VEGETABLES AND MELONS	38.3	42.2	38.4
TOTAL FRUIT AND TREE NUTS	36.7	40.4	37.6
BERRIES	33.5	34.8	35.2
GRAPES	34.5	39.9	46.2
CITRUS FRUITS	40.8	46.2	39.0
OTHER FRUITS AND NUTS	42.4	46.2	36.8
TOTAL HORTICULTURAL SPECIALTIES	42.8	44.7	42.0
ORNAMENTAL FLORAL & NURS PRD	43.3	45.4	42.3
FOOD CROPS GROWN UNDR COVER	37.0	32.6	36.5
GENERAL FARM PRIMARILY CROP	40.1	43.0	38.1
TOTAL AGRIC. PROD. LIVESTOCK	43.1	44.3	56.0
TOTAL AGRICULTURAL SERVICES	34.0	36.8	33.5
CROP SERVICES	37.0	37.9	36.8
CROP HARVEST PRIM. MACHINE	37.4	40.3	34.6
CROP PREP. SERV. FOR MARKET	36.7	36.0	38.5
TOTAL FARM LABOR & MANAGEMENT	32.7	36.3	32.1
FARM LABOR CONTRACTORS	34.1	36.6	32.3
FARM MANAGEMENT SERVICES	21.0	33.7	30.8

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 3-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	JAN 1992	DEC 1991	JAN 1991
TOTAL AGRICULTURAL	6.92	6.91	6.52
TOTAL AGRIC. PROD. CROPS	6.68	6.74	6.45
VEGETABLES AND MELONS	7.72	7.73	7.25
TOTAL FRUIT AND TREE NUTS	5.84	6.10	6.00
BERRIES	5.46	5.94	5.46
GRAPES	6.63	6.77	6.61
CITRUS FRUITS	6.04	6.38	6.56
OTHER FRUITS AND NUTS	5.72	5.77	6.14
TOTAL HORTICULTURAL SPECIALTIES	6.63	6.56	6.28
ORNAMENTAL FLORAL & NURS PRD	6.49	6.47	6.17
FOOD CROPS GROWN UNDR COVER	8.60	8.53	8.52
GENERAL FARM PRIMARILY CROP	7.39	6.77	6.96
TOTAL AGRIC. PROD. LIVESTOCK	6.95	7.01	6.54
TOTAL AGRICULTURAL SERVICES	7.58	7.47	6.75
CROP SERVICES	7.97	8.20	6.96
CROP HARVEST PRIM. MACHINE	7.41	7.33	7.64
CROP PREP. SERV. FOR MARKET	8.56	8.96	6.48
TOTAL FARM LABOR & MANAGEMENT	7.40	7.11	6.64
FARM LABOR CONTRACTORS	7.41	7.08	6.61
FARM MANAGEMENT SERVICES	7.30	7.29	6.89

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 4-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	JAN 1992	DEC 1991	JAN 1991
TOTAL AGRICULTURAL	35.0	42.0	31.3
TOTAL AGRIC. PROD. CROPS	19.0	25.3	19.0
VEGETABLES AND MELONS	5.4	7.8	4.5
TOTAL FRUIT AND TREE NUTS	3.3	4.4	4.3
BERRIES	1.2	2.0	2.0
GRAPES	0.6	0.6	0.9
DECIDUOUS TREE FRUIT	0.8	1.0	0.9
OTHER FRUITS AND NUTS	0.7	0.8	0.5
TOTAL HORTICULTURAL SPECIALTIES	8.7	9.4	8.8
ORNAMENTAL FLORAL & NURS PRD	6.6	7.5	6.7
FOOD CROPS GROWN UNDR COVER	2.1	1.9	2.1
GENERAL FARM PRIMARILY CROP	1.6	3.7	1.4
TOTAL AGRIC. PROD. LIVESTOCK	1.2	1.2	1.2
TOTAL AGRICULTURAL SERVICES	14.8	15.5	11.1
CROP SERVICES	9.8	10.4	7.6
CROP HARVEST PRIM. MACHINE	2.3	2.4	2.7
CROP PREP. SERV. FOR MARKET	7.5	8.0	4.9
TOTAL FARM LABOR & MANAGEMENT	5.0	5.1	3.5
FARM LABOR CONTRACTORS	4.3	4.8	3.0
FARM MANAGEMENT SERVICES	0.7	0.3	0.5

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 4-B
AGRICULTURAL PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	JAN 1992	DEC 1991	JAN 1991
TOTAL AGRICULTURAL	29.8	37.1	26.6
TOTAL AGRIC. PROD. CROPS	15.5	21.8	15.9
VEGETABLES AND MELONS	4.5	6.8	3.8
TOTAL FRUIT AND TREE NUTS	2.6	3.8	3.7
BERRIES	1.0	1.8	1.8
GRAPES	0.4	0.4	0.7
DECIDUOUS TREE FRUIT	0.6	0.9	0.7
OTHER FRUITS AND NUTS	0.6	0.7	0.5
TOTAL HORTICULTURAL SPECIALTIES	6.9	7.7	7.2
ORNAMENTAL FLORAL & NURS PRD	5.1	6.0	5.3
FOOD CROPS GROWN UNDR COVER	1.8	1.7	1.9
GENERAL FARM PRIMARILY CROP	1.5	3.5	1.2
TOTAL AGRIC. PROD. LIVESTOCK	1.0	1.0	0.9
TOTAL AGRICULTURAL SERVICES	13.3	14.3	9.8
CROP SERVICES	8.8	9.4	6.7
CROP HARVEST PRIM. MACHINE	2.0	2.1	2.5
CROP PREP. SERV. FOR MARKET	6.8	7.3	4.2
TOTAL FARM LABOR & MANAGEMENT	4.5	4.9	3.1
FARM LABOR CONTRACTORS	4.2	4.8	2.6
FARM MANAGEMENT SERVICES	0.3	0.1	0.5

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 4-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	JAN 1992	DEC 1991	JAN 1991
TOTAL AGRICULTURAL	275.08	298.45	293.46
TOTAL AGRIC. PROD. CROPS	280.37	315.32	280.95
VEGETABLES AND MELONS	272.97	351.48	286.57
TOTAL FRUIT AND TREE NUTS	233.18	251.78	253.87
BERRIES	230.14	243.75	219.78
GRAPES	180.18	299.53	342.27
DECIDUOUS TREE FRUIT	264.77	235.59	214.50
OTHER FRUITS AND NUTS	243.37	268.45	305.14
TOTAL HORTICULTURAL SPECIALTIES	312.36	337.73	297.56
ORNAMENTAL FLORAL & NURS PRD	294.44	325.44	269.84
FOOD CROPS GROWN UNDR COVER	362.10	380.76	374.07
GENERAL FARM PRIMARILY CROP	235.07	262.64	245.31
TOTAL AGRIC. PROD. LIVESTOCK	345.06	362.15	422.25
TOTAL AGRICULTURAL SERVICES	263.74	267.45	301.75
CROP SERVICES	264.39	288.88	319.52
CROP HARVEST PRIM. MACHINE	261.74	258.70	229.76
CROP PREP. SERV. FOR MARKET	264.69	297.26	352.67
TOTAL FARM LABOR & MANAGEMENT	263.38	226.58	263.24
FARM LABOR CONTRACTORS	263.10	221.61	237.15
FARM MANAGEMENT SERVICES	261.08	462.68	397.16

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 4-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	JAN 1992	DEC 1991	JAN 1991
TOTAL AGRICULTURAL	36.1	39.9	40.2
TOTAL AGRIC. PROD. CROPS	39.6	44.1	40.6
VEGETABLES AND MELONS	40.5	44.1	42.9
TOTAL FRUIT AND TREE NUTS	33.6	37.3	36.9
BERRIES	34.4	37.1	33.2
GRAPES	23.1	38.5	42.1
DECIDUOUS TREE FRUIT	44.8	39.2	37.5
OTHER FRUITS AND NUTS	28.2	35.0	41.8
TOTAL HORTICULTURAL SPECIALTIES	41.1	47.5	41.5
ORNAMENTAL FLORAL & NURS PRD	40.5	48.0	40.7
FOOD CROPS GROWN UNDR COVER	42.7	45.6	43.7
GENERAL FARM PRIMARILY CROP	40.6	43.7	39.0
TOTAL AGRIC. PROD. LIVESTOCK	40.5	45.1	56.3
TOTAL AGRICULTURAL SERVICES	31.7	33.1	38.1
CROP SERVICES	32.6	36.2	40.6
CROP HARVEST PRIM. MACHINE	39.3	38.1	35.9
CROP PREP. SERV. FOR MARKET	30.6	35.6	41.2
TOTAL FARM LABOR & MANAGEMENT	30.1	27.2	32.7
FARM LABOR CONTRACTORS	30.0	26.7	30.6
FARM MANAGEMENT SERVICES	30.5	50.9	43.5

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 4-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	JAN 1992	DEC 1991	JAN 1991
TOTAL AGRICULTURAL	7.62	7.48	7.30
TOTAL AGRIC. PROD. CROPS	7.08	7.15	6.92
VEGETABLES AND MELONS	6.74	7.97	6.68
TOTAL FRUIT AND TREE NUTS	6.94	6.75	6.88
BERRIES	6.69	6.57	6.62
GRAPES	7.80	7.78	8.13
DECIDUOUS TREE FRUIT	5.91	6.01	5.72
OTHER FRUITS AND NUTS	8.63	7.67	7.30
TOTAL HORTICULTURAL SPECIALTIES	7.60	7.11	7.17
ORNAMENTAL FLORAL & NURS PRD	7.27	6.78	6.63
FOOD CROPS GROWN UNDR COVER	8.48	8.35	8.56
GENERAL FARM PRIMARILY CROP	5.79	6.01	6.29
TOTAL AGRIC. PROD. LIVESTOCK	8.52	8.03	7.50
TOTAL AGRICULTURAL SERVICES	8.32	8.08	7.92
CROP SERVICES	8.11	7.98	7.87
CROP HARVEST PRIM. MACHINE	6.66	6.79	6.40
CROP PREP. SERV. FOR MARKET	8.65	8.35	8.56
TOTAL FARM LABOR & MANAGEMENT	8.75	8.33	8.05
FARM LABOR CONTRACTORS	8.77	8.30	7.75
FARM MANAGEMENT SERVICES	8.56	9.09	9.13

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 5-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	JAN 1992	DEC 1991	JAN 1991
TOTAL AGRICULTURAL	33.9	26.7	34.8
TOTAL AGRIC. PROD. CROPS	14.7	10.1	13.1
FIELD CROPS	1.4	1.6	1.3
VEGETABLES AND MELONS	5.8	2.4	4.2
TOTAL FRUIT AND TREE NUTS	3.3	2.1	3.6
GRAPES	1.7	0.7	1.4
CITRUS FRUITS	0.5	0.4	0.7
OTHER FRUITS AND NUTS	1.1	1.0	1.5
HORTICULTURAL SPECIALTIES	1.1	1.2	1.1
GENERAL FARM PRIMARILY CROP	3.1	2.8	2.9
TOTAL AGRIC. PROD. LIVESTOCK	4.9	5.2	5.1
DAIRY FARMS	2.2	2.3	2.4
CHICKEN EGGS	1.2	1.3	1.2
OTHER LIVESTOCK	1.5	1.6	1.5
TOTAL AGRICULTURAL SERVICES	14.3	11.4	16.6
CROP SERVICES	7.5	5.8	6.9
CROP PLANT-CULT-PROTECTION	0.7	0.8	0.7
CROP HARVEST PRIM. MACHINE	1.0	1.0	1.1
CROP PREP. SERV. FOR MARKET	5.8	4.0	5.1
TOTAL FARM LABOR & MANAGEMENT	6.8	5.6	9.7

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 5-B
AGRICULTURAL PRODUCTION WORKERS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	JAN 1992	DEC 1991	JAN 1991
TOTAL AGRICULTURAL	31.1	24.4	31.6
TOTAL AGRIC. PROD. CROPS	13.3	9.2	11.9
FIELD CROPS	1.2	1.4	1.1
VEGETABLES AND MELONS	5.3	2.3	4.1
TOTAL FRUIT AND TREE NUTS	3.0	1.9	3.4
GRAPES	1.5	0.6	1.3
CITRUS FRUITS	0.5	0.4	0.7
OTHER FRUITS AND NUTS	1.0	0.9	1.4
HORTICULTURAL SPECIALTIES	0.9	1.0	0.9
GENERAL FARM PRIMARILY CROP	2.9	2.6	2.4
TOTAL AGRIC. PROD. LIVESTOCK	4.2	4.5	4.3
DAIRY FARMS	2.1	2.2	2.3
CHICKEN EGGS	0.8	0.9	0.8
OTHER LIVESTOCK	1.3	1.4	1.2
TOTAL AGRICULTURAL SERVICES	13.6	10.7	15.4
CROP SERVICES	7.0	5.2	6.3
CROP PLANT-CULT-PROTECTION	0.6	0.6	0.6
CROP HARVEST PRIM. MACHINE	0.9	1.0	1.0
CROP PREP. SERV. FOR MARKET	5.5	3.6	4.7
TOTAL FARM LABOR & MANAGEMENT	6.6	5.5	9.1

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 5-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER WEEK)

INDUSTRY	JAN 1992	DEC 1991	JAN 1991
TOTAL AGRICULTURAL	254.31	250.80	227.98
TOTAL AGRIC. PROD. CROPS	242.06	228.75	233.63
FIELD CROPS	216.49	214.30	254.79
VEGETABLES AND MELONS	258.84	245.28	216.78
TOTAL FRUIT AND TREE NUTS	233.64	224.00	213.89
GRAPES	213.53	184.93	194.40
CITRUS FRUITS	257.81	289.74	234.72
OTHER FRUITS AND NUTS	253.31	220.46	222.05
HORTICULTURAL SPECIALTIES	247.84	292.28	243.75
GENERAL FARM PRIMARILY CROP	230.88	199.39	239.57
TOTAL AGRIC. PROD. LIVESTOCK	385.14	427.04	419.00
DAIRY FARMS	470.88	541.19	468.38
CHICKEN EGGS	292.32	288.61	271.21
OTHER LIVESTOCK	307.83	342.05	336.02
TOTAL AGRICULTURAL SERVICES	224.76	195.51	170.37
CROP SERVICES	293.41	224.08	236.22
CROP PLANT-CULT-PROTECTION	281.23	226.34	232.97
CROP HARVEST PRIM. MACHINE	269.31	221.70	191.48
CROP PREP. SERV. FOR MARKET	299.17	224.76	244.97
TOTAL FARM LABOR & MANAGEMENT	152.03	168.44	125.50

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 5-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
DESERT REGION
(IN HOURS PER WEEK)

INDUSTRY	JAN 1992	DEC 1991	JAN 1991
TOTAL AGRICULTURAL	37.9	37.1	35.4
TOTAL AGRIC. PROD. CROPS	38.3	37.5	39.2
FIELD CROPS	34.2	37.4	41.7
VEGETABLES AND MELONS	39.7	43.8	38.3
TOTAL FRUIT AND TREE NUTS	39.4	35.0	36.5
GRAPES	36.5	29.4	37.1
CITRUS FRUITS	40.6	39.8	33.2
OTHER FRUITS AND NUTS	43.3	36.5	37.7
HORTICULTURAL SPECIALTIES	36.5	43.3	39.0
GENERAL FARM PRIMARILY CROP	37.0	31.4	37.2
TOTAL AGRIC. PROD. LIVESTOCK	49.0	51.7	50.3
DAIRY FARMS	50.2	54.5	47.6
CHICKEN EGGS	48.0	46.7	46.6
OTHER LIVESTOCK	47.8	50.9	46.8
TOTAL AGRICULTURAL SERVICES	33.9	30.5	28.3
CROP SERVICES	41.5	33.9	38.1
CROP PLANT-CULT-PROTECTION	43.2	35.2	38.7
CROP HARVEST PRIM. MACHINE	38.2	29.6	34.5
CROP PREP. SERV. FOR MARKET	41.9	34.9	38.7
TOTAL FARM LABOR & MANAGEMENT	25.9	27.3	21.6

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 5-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER HOUR)

INDUSTRY	JAN 1992	DEC 1991	JAN 1991
TOTAL AGRICULTURAL	6.71	6.76	6.44
TOTAL AGRIC. PROD. CROPS	6.32	6.10	5.96
FIELD CROPS	6.33	5.73	6.11
VEGETABLES AND MELONS	6.52	5.60	5.66
TOTAL FRUIT AND TREE NUTS	5.93	6.40	5.86
GRAPES	5.85	6.29	5.24
CITRUS FRUITS	6.35	7.28	7.07
OTHER FRUITS AND NUTS	5.85	6.04	5.89
HORTICULTURAL SPECIALTIES	6.79	6.75	6.25
GENERAL FARM PRIMARILY CROP	6.24	6.35	6.44
TOTAL AGRIC. PROD. LIVESTOCK	7.86	8.26	8.33
DAIRY FARMS	9.38	9.93	9.84
CHICKEN EGGS	6.09	6.18	5.82
OTHER LIVESTOCK	6.44	6.72	7.18
TOTAL AGRICULTURAL SERVICES	6.63	6.41	6.02
CROP SERVICES	7.07	6.61	6.20
CROP PLANT-CULT-PROTECTION	6.51	6.43	6.02
CROP HARVEST PRIM. MACHINE	7.05	7.49	5.55
CROP PREP. SERV. FOR MARKET	7.14	6.44	6.33
TOTAL FARM LABOR & MANAGEMENT	5.87	6.17	5.81

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 6-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	JAN 1992	DEC 1991	JAN 1991
TOTAL AGRICULTURAL	20.3	23.5	18.9
TOTAL AGRIC. PROD. CROPS	13.9	16.0	13.7
RICE	0.8	0.9	0.9
VEGETABLES AND MELONS	0.7	0.9	0.6
TOTAL FRUIT AND TREE NUTS	6.7	7.8	6.0
TREE NUTS	1.6	2.0	1.6
DECIDUOUS TREE FRUIT	2.9	3.5	2.4
OTHER FRUITS AND NUTS	2.2	2.3	2.0
HORTICULTURAL SPECIALTIES	2.6	2.8	2.6
GENERAL FARM PRIMARILY CROP	3.1	3.6	3.6
TOTAL AGRIC. PROD. LIVESTOCK	2.1	2.3	1.9
TOTAL AGRICULTURAL SERVICES	4.3	5.2	3.3
CROP SERVICES	2.2	2.4	2.0
CROP HARVEST PRIM. MACHINE	0.8	0.8	0.8
CROP PREP. SERV. FOR MARKET	1.4	1.6	1.2
TOTAL FARM LABOR & MANAGEMENT	2.1	2.8	1.3

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 6-B
AGRICULTURAL PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	JAN 1992	DEC 1991	JAN 1991
TOTAL AGRICULTURAL	17.5	20.8	16.8
TOTAL AGRIC. PROD. CROPS	12.0	14.2	12.3
RICE	0.6	0.7	0.7
VEGETABLES AND MELONS	0.6	0.8	0.5
TOTAL FRUIT AND TREE NUTS	6.1	7.2	5.6
TREE NUTS	1.4	1.8	1.5
DECIDUOUS TREE FRUIT	2.7	3.2	2.3
OTHER FRUITS AND NUTS	2.0	2.2	1.8
HORTICULTURAL SPECIALTIES	2.3	2.5	2.4
GENERAL FARM PRIMARILY CROP	2.4	3.0	3.1
TOTAL AGRIC. PROD. LIVESTOCK	1.8	1.9	1.8
TOTAL AGRICULTURAL SERVICES	3.7	4.7	2.7
CROP SERVICES	1.7	2.0	1.5
CROP HARVEST PRIM. MACHINE	0.6	0.6	0.5
CROP PREP. SERV. FOR MARKET	1.1	1.4	1.0
TOTAL FARM LABOR & MANAGEMENT	2.0	2.7	1.2

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 6-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	JAN 1992	DEC 1991	JAN 1991
TOTAL AGRICULTURAL	248.83	269.86	254.16
TOTAL AGRIC. PROD. CROPS	226.49	267.13	249.08
RICE	339.67	456.81	384.61
VEGETABLES AND MELONS	214.35	329.68	283.55
TOTAL FRUIT AND TREE NUTS	213.59	240.12	226.78
TREE NUTS	239.19	248.24	226.18
DECIDUOUS TREE FRUIT	207.94	219.84	230.65
OTHER FRUITS AND NUTS	204.74	263.76	222.81
HORTICULTURAL SPECIALTIES	219.91	240.12	239.24
GENERAL FARM PRIMARILY CROP	240.79	291.44	245.32
TOTAL AGRIC. PROD. LIVESTOCK	331.91	373.48	330.91
TOTAL AGRICULTURAL SERVICES	281.03	236.74	224.72
CROP SERVICES	223.80	173.98	221.70
CROP HARVEST PRIM. MACHINE	316.52	275.42	120.74
CROP PREP. SERV. FOR MARKET	170.63	132.27	254.75
TOTAL FARM LABOR & MANAGEMENT	329.48	281.67	229.08

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 6-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	38.4	43.6	42.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	38.3	43.0	42.7
RICE	40.1	43.8	53.0
VEGETABLES AND MELONS	38.6	52.4	34.0
TOTAL FRUIT AND TREE NUTS	35.4	43.4	42.4
TREE NUTS	34.1	52.7	43.5
DECIDUOUS TREE FRUIT	34.6	36.8	39.9
OTHER FRUITS AND NUTS	42.1	44.7	46.9
HORTICULTURAL SPECIALTIES	39.9	36.2	40.0
GENERAL FARM PRIMARILY CROP	41.3	43.2	44.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	43.7	49.7	46.9
TOTAL AGRICULTURAL SERVICES	35.0	43.2	39.2
CROP SERVICES	39.2	44.7	31.6
HARVEST PRIMARILY BY MACHINE	32.4	33.5	40.8
PREPARATION SVCS FOR MARKET	41.4	48.0	27.9
TOTAL FARM LABOR & MANAGEMENT	30.8	40.9	47.0

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 6-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	JAN 1992	DEC 1991	JAN 1991
TOTAL AGRICULTURAL	6.48	6.41	6.26
TOTAL AGRIC. PROD. CROPS	6.38	6.33	6.12
RICE	8.03	8.87	7.93
VEGETABLES AND MELONS	8.54	9.96	8.01
TOTAL FRUIT AND TREE NUTS	5.82	5.69	5.80
TREE NUTS	5.95	5.80	5.45
DECIDUOUS TREE FRUIT	5.76	5.71	5.96
OTHER FRUITS AND NUTS	5.80	5.60	5.91
HORTICULTURAL SPECIALTIES	7.21	6.11	6.15
GENERAL FARM PRIMARILY CROP	6.32	6.52	5.94
TOTAL AGRIC. PROD. LIVESTOCK	7.63	7.21	7.37
TOTAL AGRICULTURAL SERVICES	6.19	6.23	6.09
CROP SERVICES	7.15	6.42	6.21
CROP HARVEST PRIM. MACHINE	7.21	6.45	6.16
CROP PREP. SERV. FOR MARKET	7.08	6.39	6.29
TOTAL FARM LABOR & MANAGEMENT	5.75	6.15	5.95

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 7-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
NORTH COAST REGION
(IN THOUSANDS)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	9.9	10.0	10.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.6	7.2	7.2
TOTAL FRUITS AND TREE NUTS	6.0	5.6	5.5
GRAPES	4.8	4.6	4.4
OTHER FRUITS AND NUTS	1.2	1.0	1.1
TOTAL HORTICULTURAL SPECIALTIES	1.0	0.9	1.3
GENERAL FARM PRIMARILY CROP (2)	0.6	0.7	0.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.6	1.8	1.9
TOTAL AGRICULTURAL SERVICES	0.7	1.0	0.9

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

(2) INSUFFICIENT SAMPLE TO SUPPORT PRODUCTION WORKER, HOURS, OR EARNINGS ESTIMATES.

TABLE 7-B
 AGRICULTURAL PRODUCTION WORKERS (1)
 NORTH COAST REGION
 (IN THOUSANDS)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	7.4	7.3	7.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	5.4	5.0	5.5
TOTAL FRUITS AND TREE NUTS	4.1	3.6	4.0
GRAPES	3.0	2.7	3.0
OTHER FRUITS AND NUTS	1.1	0.9	1.0
TOTAL HORTICULTURAL SPECIALTIES	0.8	0.7	1.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.5	1.5	1.5
TOTAL AGRICULTURAL SERVICES	0.5	0.8	0.6

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 7-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	261.34	294.27	273.16
TOTAL AGRICULTURAL PRODUCTION/CROPS	232.05	272.29	258.19
TOTAL FRUITS AND TREE NUTS	223.14	271.09	266.26
GRAPES	239.09	283.37	284.57
OTHER FRUITS AND NUTS	178.37	235.98	212.00
TOTAL HORTICULTURAL SPECIALTIES	288.05	306.54	233.50
TOTAL AGRIC PRODUCTION/LIVESTOCK	310.95	327.03	313.95
TOTAL AGRICULTURAL SERVICES	441.50	371.45	301.78

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 7-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	36.5	41.8	41.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	32.5	36.5	39.6
TOTAL FRUITS AND TREE NUTS	30.4	34.8	38.7
GRAPES	31.5	34.6	38.3
OTHER FRUITS AND NUTS	27.4	35.7	40.0
TOTAL HORTICULTURAL SPECIALTIES	40.4	39.2	41.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	46.9	49.7	48.3
TOTAL AGRICULTURAL SERVICES	51.1	60.3	38.2

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 7-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	JAN 1992	DEC 1991	JAN 1991
TOTAL AGRICULTURAL	7.21	6.63	7.14
TOTAL AGRIC. PROD. CROPS	6.92	6.48	7.09
TOTAL FRUIT AND TREE NUTS	7.12	6.84	7.09
GRAPES	7.50	7.49	7.50
OTHER FRUITS AND NUTS	5.99	5.24	5.75
TOTAL HORTICULTURAL SPECIALTIES	6.27	5.49	7.24
TOTAL AGRIC. PROD. LIVESTOCK	6.65	6.63	6.65
TOTAL AGRICULTURAL SERVICES	9.75	7.96	7.95

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.